

Notice of Allowability

Application No.

09/668,112

Applicant(s)

GRANDCOLAS ET AL.

Examiner

Pramila Parthasarathy

Art Unit

2136

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 5/11/2006 and interview on 7/3/06.
2. ☒ The allowed claim(s) is/are 1-19, 25-43; Renumbered as 1-38.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some* c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.


Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit
of Biological Material

5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☒ Interview Summary (PTO-413),
Paper No./Mail Date 7/3/2006
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____


AYAZ SHEIKH
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2100

DETAILED ACTION

1. The text of those sections of Title 23, U.S. Code not included in this section can be found in the prior office action.
2. The prior office actions are incorporated herein by reference. In particular, the observations with respect to claim language and response to previously presented arguments.

Response to Arguments

3. Applicant's arguments filed 5/11/2006 and in view of Examiner initiated interview on 7/3/2006 have been fully considered and they are persuasive.

Allowable Subject Matter

4. Claims **1 –19 and 25-43** are allowed.
5. The following is a statement of reasons for allowance: Prior art's system and method singly or in combination are in contrast with specific steps of applicant's invention as described in detailed in remarks/response filed on 5/11/2006 by applicant and as recited in independent Claims **1 and 25**.

Dependent Claims **2 – 19 and 26 – 43** as being independent upon Independent claims **1 and 25** and having additional allowable features therein.

6. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance".

7. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with John M. Harrington, registration number 25,592 on July 03, 2006.

IN THE CLAIMS:

1. (Amended) A computer-implemented method of single sign-on user access to multiple web servers, comprising:

authenticating a user by a first web server, the first web server also providing a first type of service session functionality for the user in addition to and different from authenticating the user, creating an encrypted authentication token, and redirecting a web browser of the user to transmit the encrypted authentication token, which first type of service session functionality is also different from a second type of service session functionality provided for the user by a second web server that is not provided by the first web server, which second type of service session functionality is also in addition to and different from authenticating the user, creating an encrypted authentication token and redirecting a web browser of the user to transmit the encrypted authentication token, each of said web servers containing information identifying the type of service session functionality provided by the other of said web servers and an address for the other of said web servers;

detecting a client request for the second type of service session functionality for the user at said first web server that is not provided by the first web server, said first web server, for determining the second web server providing the second type of service session functionality for the user and in response thereto creating an encrypted authentication token related to the user and redirecting a web browser of the user to the second web server;

transmitting the encrypted token from the first web server to the second web server via the user's web browser, wherein the authentication token comprises an expiration time and is digitally signed by the first web server;

authenticating the authentication token by the second web server; and

providing the second type of service session functionality for the user to conduct a session by the second web server.

25. (Amended) A system for single sign-on user access to multiple web servers, comprising:

a means for authenticating a user by a first web server, the first web server also providing a first type of service session functionality for the user in addition to and different from authenticating the user, creating an encrypted authentication token, and redirecting a web browser of the user to transmit the encrypted authentication token, which first type of service session functionality is also different from a second type of service session functionality provided for the user by a second web server that is not provided by the first web server, which second type of service session functionality is also in addition to and different from authenticating the user, creating an encrypted authentication token and redirecting a web browser of the user to transmit the encrypted authentication token, each of said web servers containing information identifying the type of service session functionality provided by the other of said web servers and an address for the other of said web servers;

means for detecting a client request for the second type of service session functionality for the user at said first web server, said first web server that is not provided by the first web server, said first web server, for determining the second web server providing the second type of service session functionality for the user and in response thereto creating an encrypted authentication token related to the user and redirecting a web browser of the user to the second web server;

a means for transmitting the encrypted token from the first web server to the second web server via the user's web browser, wherein the authentication token comprises an expiration time and is digitally signed by the first web server;

a means for authenticating the authentication token at the second web server;
and

a means for providing the second type of service session functionality for the user to conduct a session by the second web server.


Any inquiry concerning this communication or earlier communications from the examiner should be directed to Pramila Parthasarathy whose telephone number is 571-272-3866. The examiner can normally be reached on Tuesday – Thursday 8:00a.m. To 3:00p.m..

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ayaz Sheikh can be reached on 571-232-3795. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR only. For more information about the PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Pramila Parthasarathy

July 03, 2006.


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